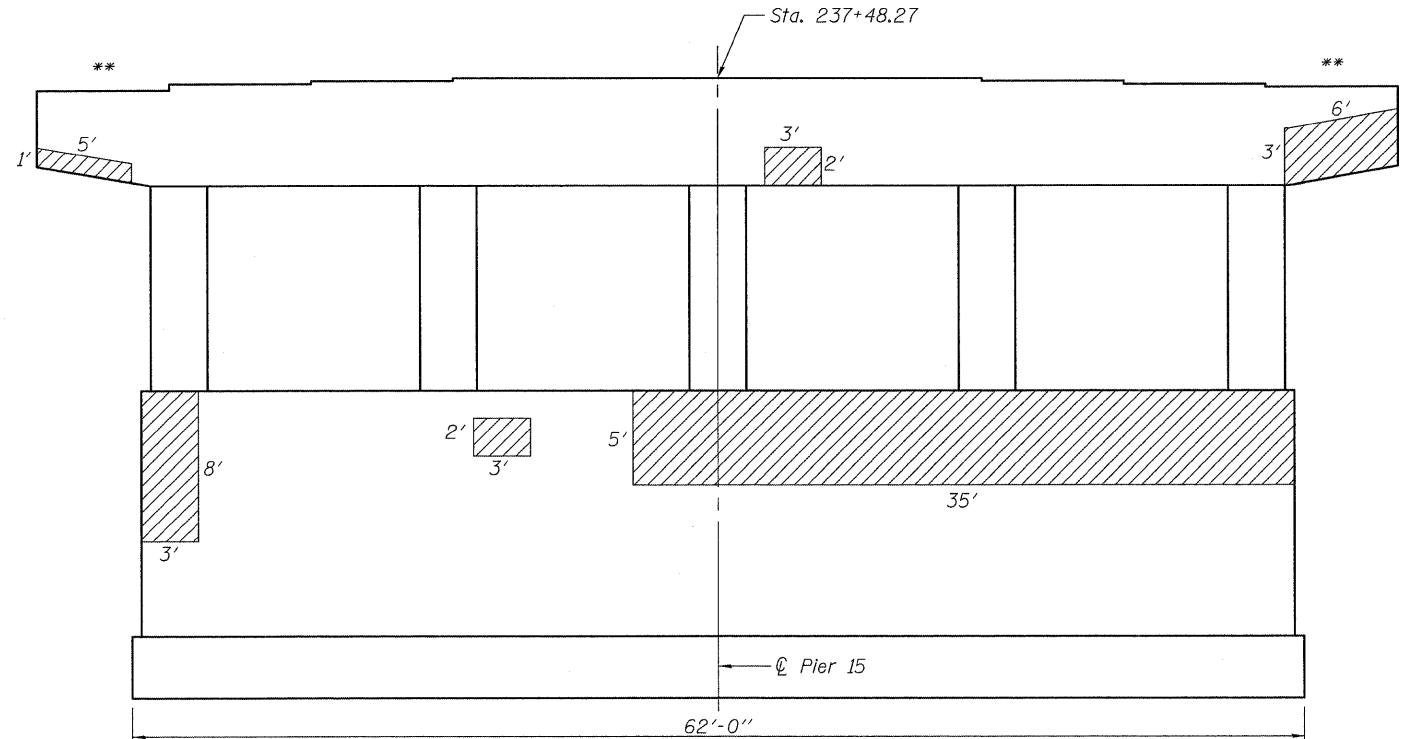
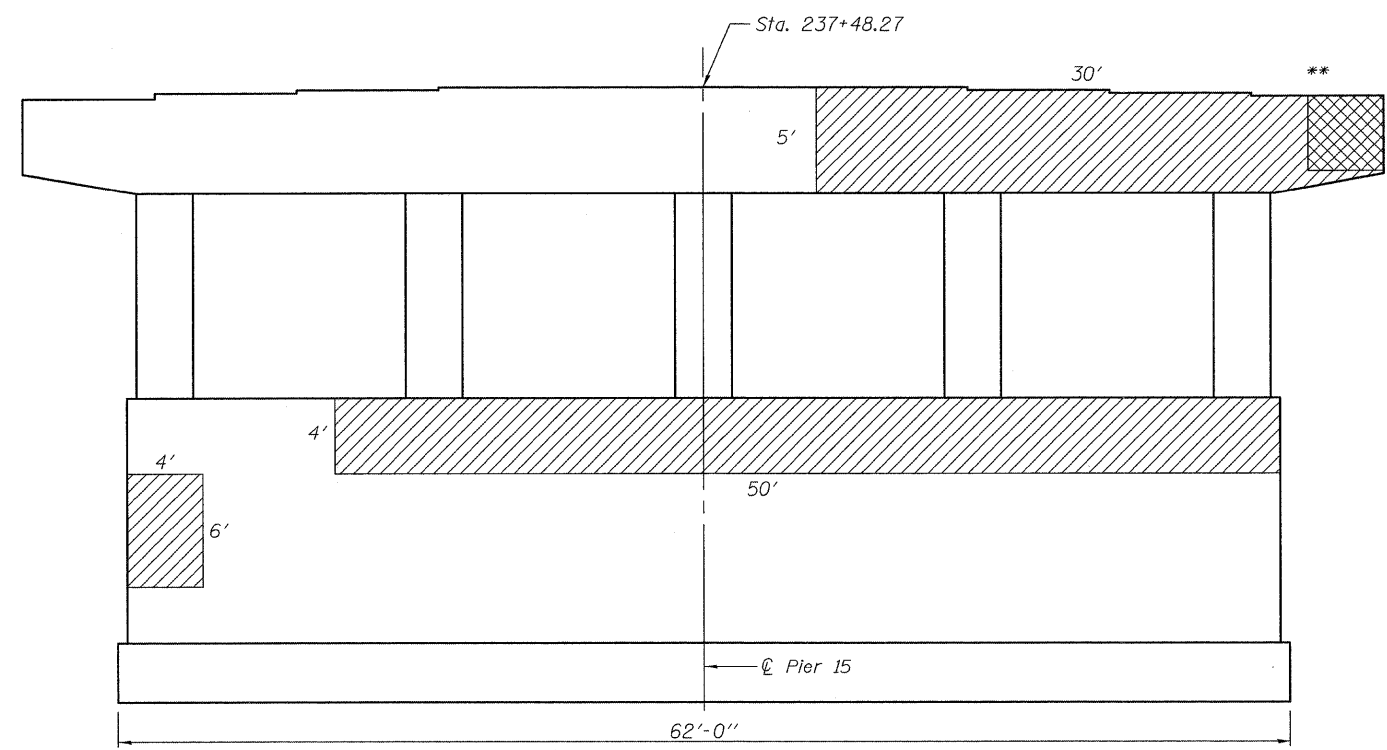


Contract # 60D74



PIER 15-NORTH FACE ELEVATION



PIER 15-SOUTH FACE ELEVATION

REACTION TABLE

Bearing Location	Reaction (kips)			
	R _Q	R _L	Impact	R _{Total}
C S. Brg. Pier 15	45.5	47.7	11.0	104.2
C N. Brg. Pier 15	31.4	45.6	12.1	89.1

BILL OF MATERIAL

Item	Unit	Quantity
Structural Repair of Concrete (Depth equal to or less than 5')	Sq. Ft.	592
Structural Repair of Concrete (Depth Greater than 5')	Sq. Ft.	16
Temporary Shoring And Cribbing	Each	3

NOTE:

- ** Indicates location for Temporary Shoring and Cribbing
 - Structural Repair of Concrete (Depth Greater than 5')
 - Structural Repair of Concrete (Depth equal to or less than 5')
- Detach the downspouts from the pier if necessary and reattach once the work is complete. Cost included with Structural Repair of Concrete (Depth equal to or less than 5").
- Structural Repair of Concrete will not be allowed on any two adjacent columns at the same time, except in locations supported by Temporary Shoring and Cribbing. Work on an adjacent column shall not begin until the required curing period has elapsed on the previous column repair.

Excellence through Ownership 200 West Front Street Wheaton, IL 60187	ILLINOIS DEPARTMENT OF TRANSPORTATION PIER 15 REPAIRS BURNHAM AVE OVER STATE ST, R.R. & RIVER FAU RTE 2943 SECTION 1212.8-I-1 COOK COUNTY STATION 231+79.04 STRUCTURE NO. 016-0806
	DATE: 1-14-2009 DRAWN BY: JMT CHECKED BY: WJV